

A Antiaggregant

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Dosage	References
Z-GUGGULSTERONE	IC50=100 uM	*
WOGONIN	--	*
WALLICHININE	--	Internat. J. Oriental Med. 16: 4.
VITAMIN-E	--	Martindale's 28th
VATINE-A	--	*
VATINE	--	*
VATAMINE	--	*
VATAMIDINE	--	*
TYRAMINE	--	*
TUSSILAGONE	--	*
TRIOLEIN	--	*
TOCOPHEROL	--	Martindale's 28th
TIMOSAPONIN-B-III	--	*
TIMOSAPONIN-B-II	--	*
TIMOSAPONIN-B-I	--	*
TIMOSAPONIN-A-III	--	*
THYMOL	IC50=0.75	Tramil, 42: 511.
THIOSULFINATE	--	Dorsch, W., Wagner, H. New Antiasthmatic Drugs from Traditional Medicine? Int Arch Allergy Appl Immunol 94: 262-265, 1991.
TETRANDRINE	--	*
TETRAMETHYL-PYRAZINE	--	Ozaki, Y. and Ma, J-P. 1989. Inhibitory Effects of Tetramethylpyrazine and Ferulic Acid on Spontaneous Movement of Rat Uterus in Situ. Chem. Pharm. Bull. 38(6): 1620-1623, 1990.
TANSHINONE-II-A	--	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.
TANSHINONE	IC50=5-50 ug/ml	*
SODIUM-FERULATE	--	*
SKULLCAPFLAVONE-II	--	*
SEROTONIN	--	Martindale's 29th
SELENIUM	--	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
SALICYLATES	--	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
SALICIN	--	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
SAIKOSAPONIN-A	--	*
SAFROLE	IC50=110 uM	Janssens, J., Laekeman, G.M., Pieters, L.A.C., Totte, J., Herman, A.G., and Vlietinck, A.J. 1990. Nutmeg Oil: Identification and Quantitation of its Most Active Constituents as Inhibitors of Platelet Aggregation. J.of Ethnopharmacology, 29: 179-188, 1990.
RUTOSIDE	--	*
RUTIN	ED50=33 nmol/kg iv	*
ROSMARINIC-ACID	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Chemical	Dosage	References
RHYNCHOPHYLLINE	--	*
RESVERATROL	IC50=0.016- 232 uM/L	*
RESVERATROL	IC50=100 uM	*
RAUBASINE	--	Merck 11th Edition
QUERCETIN	30 uM	*
QUERCETIN	IC50=55 uM	Economic & Medicinal Plant Research, 5: 333.
PYRIDOXINE	40 mg/day	*
PUERARIN	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
PSYCHOTRIDINE	--	Collins, D.J., Culvenor, C.C.J., Lamberton, J.A., Loder, J.W. and Price, J.R., Plants for Medicines, CSIRO, East Melbourne, Australia, 1990, 303 pp.
PSEUDOSEMIGLADRINE	--	*
PROTOPINE	100-1,000 uM	*
PROTOCATECHUIC-ALDEHYDE	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
POLYDATIN	--	*
PILOCARPINE	--	*
PHYTIC-ACID	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
PARTHENOLIDE	IC50=50 uM	*
PANAXYNOL	--	*
PAEONOSIDE	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
PAEONOLIDE	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
PAEONOL	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
PAEONIFLORIN	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
OROXYLIN-A	--	*
NORDIHYDROGUAIARETIC-ACID	--	*
NODAKENIN	--	*
NODAKENETIN	--	*
NEOBVAISOFLAVONE	IC50=2.5- 62.5 uM	*
NARINGENIN	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
N-TRANS-FERULOLTYRAMINE	--	*
N-P-COUMAROYLTYRAMINE	--	*
MYRISTICIN	IC50=250 uM	Janssens, J., Laekeman, G.M., Pieters, L.A.C., Totte, J., Herman, A.G., and Vlietinck, A.J. 1990. Nutmeg Oil: Identification and Quantitation of its Most Active Constituents as Inhibitors of Platelet Aggregation. J.of Ethnopharmacology, 29: 179-188, 1990.
MOUPINAMIDE	--	*
METHYL-TANSHINONATE	IC50=25-50 ug/ml	Oriental Healing Arts Institute, 1987. (Changed to Int. J. Oriental Medicine).

Chemical	Dosage	References
METHYL-ISOEUGENOL	IC50=56 ug/mL	Laekeman, G.M., Van Hoof, L., Haemers, A., Vanden Berghe, D.A., Herman, A.G., and Vlietinck, A.J. Eugenol a Valuable Compound for In Vitro Experimental Research and Worthwhile for Further In Vivo Investigation. <i>Phytotherapy Research</i> 4(3): 93, 1990.
METHYL-ALLYL-TRISULFIDE	--	*
MENTHONE	IC50=750	*
MENTHOL	IC50=750	*
MELILOTIN	--	*
MELATONIN	--	Medline (post 1990 searches filed in my computer)
MAGNESIUM	400 mg/day	*
LIGUSTRAZINE	--	*
L-ASARININ	--	*
KAWAIN	IC50=71-115 uM/l	*
KAEMPFEROL	30 uM	*
KADSURENONE	--	*
KADSURANIN-F	IC80=13uM	*
KADSURANIN-E	IC94=28uM	*
KADSURANIN-D	IC91=29uM	*
KADSURANIN-B	IC90=9.5uM	*
KADSURANIN-A	IC66=8.4uM	*
ISOTRILOBINE	--	*
ISOTANSHINONE-IIB	5-10 ug/ml	*
ISOLIQUIRITIGENIN	--	*
ISOEUGENOL	IC50=0.72 uM	Laekeman, G.M., Van Hoof, L., Haemers, A., Vanden Berghe, D.A., Herman, A.G., and Vlietinck, A.J. Eugenol a Valuable Compound for In Vitro Experimental Research and Worthwhile for Further In Vivo Investigation. <i>Phytotherapy Research</i> 4(3): 93, 1990.
ISOBAVACHALCONE	IC50=0.5-65 uM	*
IMPERATORIN	--	*
HYPOLAETIN-8-GLUCOSIDE	--	*
HUAJIAOSIMULINE	IC83-100=100 ug/ml	*
HONOKIOL	--	*
HOMOAROMOLINE	--	*
HISPIDULIN	IC50=13 ug/ml	Economic & Medicinal Plant Research, 5: 333.
HANCINONE	--	Internat. J. Oriental Med. 16: 4.
GLUCO-OBTUSIFOLIN	IC=0.05 mg/ml	*
GLUCO-CHRYSOBTUSIN	IC=0.025 mg/ml	*
GLUCO-AURANTIOBTUSIN	IC=0.05 mg/ml	*
GINSENOSIDES	--	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
GINSENOSIDE-RG-2	--	*
GINSENOSIDE-RG-1	--	*

Chemical	Dosage	References
GINSENOSIDE-R-O	--	*
GINKGOLIDES	--	*
GINKGOLIDE-C	--	*
GINKGOLIDE-B	IC50=0.6-0.8	*
GINKGOLIDE-A	--	*
GINKGOLIDE	--	*
GINGEROL	0.5-20 uM	*
GENISTEIN	1-10 ug/ml	Medline (post 1990 searches filed in my computer)
GAMMA-LINOLENIC-ACID	--	Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
FUTOXINE	--	*
FRANGULIN-B	--	*
FORSKOLIN	IC50=6 ug/ml	*
FLAVONE	IC50=7 ug/ml	Economic & Medicinal Plant Research, 5: 333.
FLAVANONE	IC50=21 ug/ml	Economic & Medicinal Plant Research, 5: 333.
FERULIC-ACID	--	Ozaki, Y. and Ma, J-P. 1989. Inhibitory Effects of Tetramethylpyrazine and Ferulic Acid on Spontaneous Movement of Rat Uterus in Situ. <i>Chem. Pharm. Bull.</i> 38(6): 1620-1623, 1990.
FERRUGINOL	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
FANGCHINOLINE	--	*
FALCARINDIOL	--	*
EUGENYL-ACETATE	ED=15 uM	Planta Medica, 56(6): 501, 1990.
EUGENOL	IC50=0.3 uM	Phytotherapy Research, 4: 93.
EUGENIN	--	*
ESTRAGOLE	IC50=320 uM	Laekeman, G.M., Van Hoof, L., Haemers, A., Vanden Berghe, D.A., Herman, A.G., and Vlietinck, A.J. Eugenol a Valuable Compound for In Vitro Experimental Research and Worthwhile for Further In Vivo Investigation. <i>Phytotherapy Research</i> 4(3): 93, 1990.
EPOXYCOLLININ	--	*
EPICATECHIN	IC94=200 ug/ml	*
EMODIN	--	*
ELEMICIN	IC50=360 uM	Janssens, J., Laekeman, G.M., Pieters, L.A.C., Totte, J., Herman, A.G., and Vlietinck, A.J. 1990. Nutmeg Oil: Identification and Quantitation of its Most Active Constituents as Inhibitors of Platelet Aggregation. <i>J.of Ethnopharmacology</i> , 29: 179-188, 1990.
DISENECIONYL-CIS-KHELIACTONE	IC50=50 ug/ml	*
DIOSMOSIDE	--	*
DIHYDROTANSHINONE-I	IC50=5-25 ug/ml	Oriental Healing Arts Institute, 1987. (Changed to Int. J. Oriental Medicine).
DICTAMNINE	--	*
DECUROSIDES-III	--	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
DAURICINE	--	*
DANSHEXINKUN-A	IC50=25-50 ug/ml	*

Chemical	Dosage	References
CYCLOALLIIN	--	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
CYCLEANINE	--	*
CURCUMIN	--	*
CRYPTOTANSHINONE	IC50=5-100 ug/ml	*
CRYPTOLEPINE	--	Bezanger-Beauquesne*, L. Noveautes En Phytotherapie. Sixieme Revue. Plantes medicinales et phytotherapie, 23: 46-76, 1989.
COUMARIN	--	*
CONIFERYL-ALCOHOL	IC50=29 uM	Laekeman, G.M., Van Hoof, L., Haemers, A., Vanden Berghe, D.A., Herman, A.G., and Vlietinck, A.J. Eugenol a Valuable Compound for In Vitro Experimental Research and Worthwhile for Further In Vivo Investigation. Phytotherapy Research 4(3): 93, 1990.
COLLININ	EC100=50 uM	*
COCLAURINE	--	*
CINNAMALDEHYDE	200 uM	Economic & Medicinal Plant Research, 5: 343.
CINCHONINE	IC50=125-180 uM	*
CICHORIN	--	*
CHRYSO-OBTUSIN-GLUCOSIDE	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
CHRYSO-OBTUSIN	--	*
CHRYSIN	--	*
CHELERYTHRINE	--	*
CHALEPIN	LD40=100 ipr	*
CEPHARANTHINE	IC50=75 uM	*
CEPAENE	--	Dorsch, W., Wagner, H. New Antiasthmatic Drugs from Traditional Medicine? Int Arch Allergy Appl Immunol 94: 262-265, 1991.
CATECHIN	IC68=200 ug/ml	*
CAPSAICIN	--	*
CANIN	--	*
CAFFEIC-ACID	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
BUDMUNCHIAMINES	--	*
BROUSSOFLAVONOL-F	IC50=17 uM	*
BROUSSOFLAVONOL-E	IC50=40 uM	*
BROUSSOFLAVAN-A	IC50=87 uM	*
BROUSSOCHALCONE-A-TRIACETATE	IC50=92 uM	*
BROUSSOCHALCONE-A	IC50=7 uM	*
BROUSSOAURONE-A	IC50=15 uM	*
BROMELAIN	--	*
BISHYDROXYCOUMARIN	2-3 mg/kg	*
BERGAPTEN	--	*
BERBERINE	--	*
BERBERASTINE	--	*
BERBAMINE	--	*

Chemical	Dosage	References
BAICALIN	--	*
BAICALEIN	ED50=120-200 mg/kg	Butenko, I.G., Gladtchenko, S.V., and Galushko, S.V. Anti-inflammatory properties and inhibition of leukotriene C4 biosynthesis in vitro by flavonoid baicalein from <i>Scutellaria baicalensis</i> georgy roots. <i>Agents Actions</i> 39: C49, 1993.
AVICINE	--	*
AURAPTEN	EC100=50 uM	*
AURANTIOBTUSIN-BETA-D-GLUCOSIDE	--	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
AURANTIOBTUSIN	--	*
ASCORBIC-ACID	--	Challem, J., Berkson, Burt, and Smith, Melissa Dianne. 2000. <i>Syndrome X - The complete nutritional program to prevent and reservse insulin resistance.</i> John Wiley & Sons, New York. 272 pp. \$24.95
ARTOCARPETIN	IC50=96 uM	*
ARTOCARPANONE	IC50=41 uM	*
ARTECANIN	--	*
ARISTOLOCHIC-ACID	--	*
APIGENIN	--	*
ANTHOCYANOSIDE	--	*
ANISYL-ALCOHOL	IC50=630 uM	<i>Phytotherapy Research</i> , 4: 93.
ANISODAMINE	--	*
ANEMARRHENASAPONIN-IA	--	*
ANEMARRHENASAPONIN-I	--	*
ALPHA-LINOLENIC-ACID	--	Cunane, S. and Thompson, L. U., eds. 1995. <i>Flaxseed in Human Nutrition.</i> AOCS Press, Champaign IL. 384 pp.
ALLYL-TRISULFIDE	--	LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. <i>Garlic- The Science and therapeutic application of Allium sativum L. and related species.</i> Williams & Wilkins, Baltimore. 329 pp.
ALLYL-SULFIDE	--	LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. <i>Garlic- The Science and therapeutic application of Allium sativum L. and related species.</i> Williams & Wilkins, Baltimore. 329 pp.
ALLYL-METHYL-TRISULFIDE	0.1-1 uM	*
ALLIIN	IC100=60 ug/ml	*
ALLICIN	0.1-1 uM	*
ALGINATES	--	*
AJOENE	90-100 uM	*
AJMALICINE	--	*
ADENOSINE	--	*
ACETYL-EUGENOL	IC50=1.1 uM	<i>Phytotherapy Research</i> , 4: 93.
ACETOXYCOLLININ	EC100=100 uM	*
ACETOXYAURAPTEN	EC100=100 uM	*
6-O-ANGELOYLPLENOLIN	--	*
6-ACETONYLDIHYDRONITIDINE	100 ug/ml	*
4-P-METHOXYCINNAMOYLMUSSATIOSIDE	IC35=5 mg/ml	*
4-DIMETHYLCAFFEOYLMUSSATIOSIDE	IC40=5 mg/ml	*

Chemical	Dosage	References
4-CINNAMOYLMUSSATIOSIDE	IC60=5 mg/ml	*
3-BETA-HYDROXPARTHENOLIDE	--	*
3-ALPHA-HYDROXYMANOOL	--	*
3-ALPHA-HYDROXY-12,13E-BIFORMENE	--	*
3-ALPHA,15-DIHYDROXY-LABDA-8(17)-13E-DIENE	--	*
3,5,4'-TRIHYDROXY-6,7-METHYLENEDIOXY-3,O-BETA-D-GLUCOPYRANOSIDE	--	*
3,4-DIHYDROXYBENZOIC-ACID	--	*
3,4-DIHYDROXYACETOPHENONE	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
2-VINYL-4H-1,3-DITHIIN	--	*
2,6-DIMETHOXYPHENOL	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
14-ACETOXYCEDROL	--	*
1-(METHYLSULFINYL)-PROPYL-METHYL-DISULFIDE	#NAME?	*
1,7-BIS(4-HYDROXY-3-METHOXYPHENYL)-1,6-HEPTADIEN-3,5-DIONE	--	Economic & Medicinal Plant Research, 5: 343.
(-)N-(1'DEoxy-1'D-FRUCTOPYRANOSYL)-S-ALLYL-L-CYSTEINE-SULFOXIDE	--	LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of <i>Allium sativum</i> L. and related species. Williams & Wilkins, Baltimore. 329 pp.
(-)EPIGALLOCATECHIN-GALLATE	450 uM	*
(-)EPICATECHIN	--	*
(-)ACETOXYCOLLININ	EC100=100 uM	*
(+)-PRAERUPTORUM-A	--	*
(+)-CATECHIN	IC68=200 ug/ml	*